

# ***Resident Management System - Quality Control System Introduction***

***Version 2.38***

# QCS Training

## TODAY'S FACILITATOR

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RMS Center Apple Valley, CA Director

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# **QCS Training**

## **TODAY'S ATTENDEES**

- **Self Introductions**
  - **Name**
  - **Where you work**
  - **What you are PAID to do**  
**(not WHAT you do!)**
  - **QCS Experience**

# **RMS & QCS Programs**

*Resident Management System (RMS)*

*Program **used by Government** QA  
Personnel to support Construction  
Quality Management and  
Administration.*

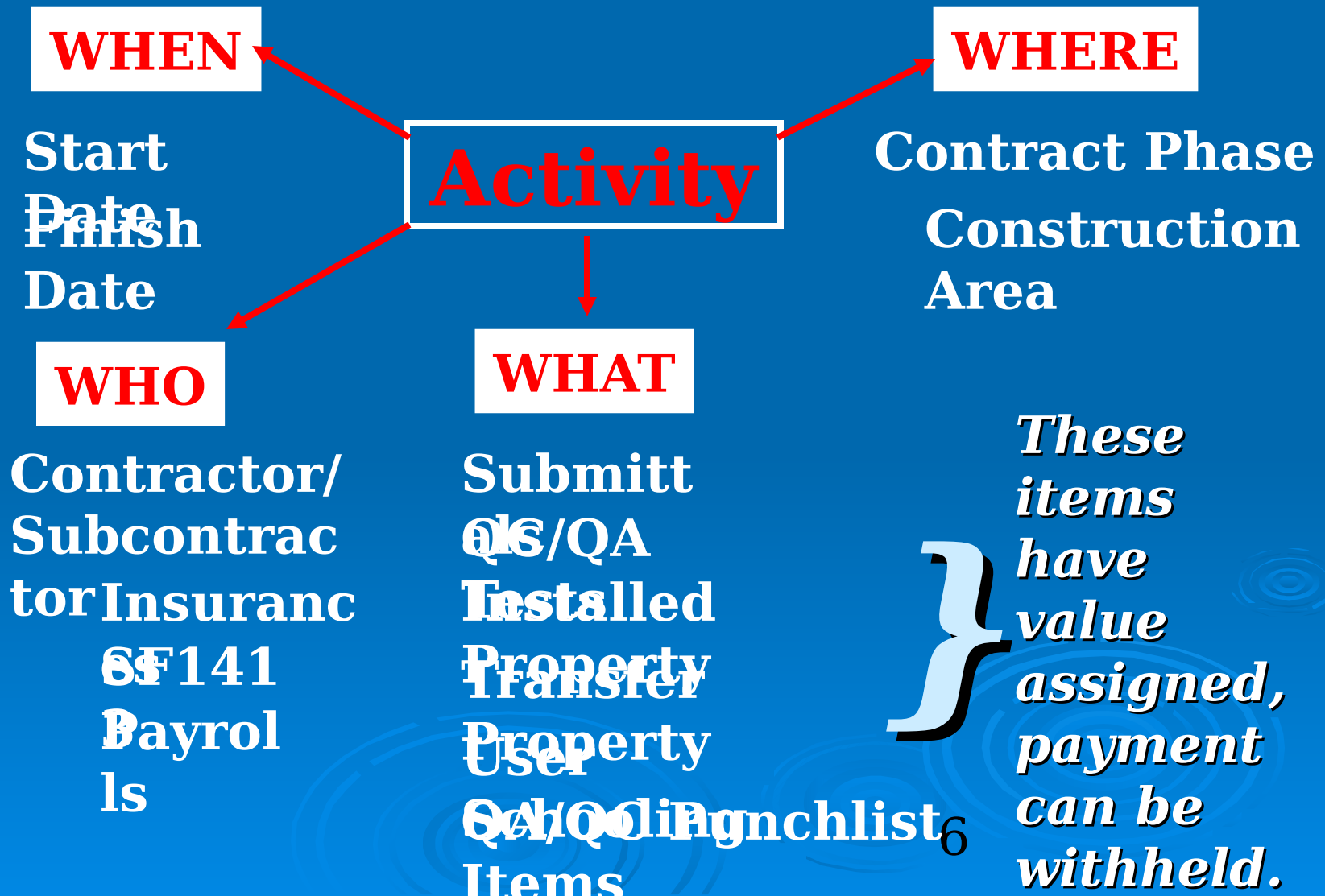
*Quality Control System (QCS)*

*The quality control module of the main  
RMS program. It is the program to be  
**used by Contractors** to interface with  
the RMS program for both contract*

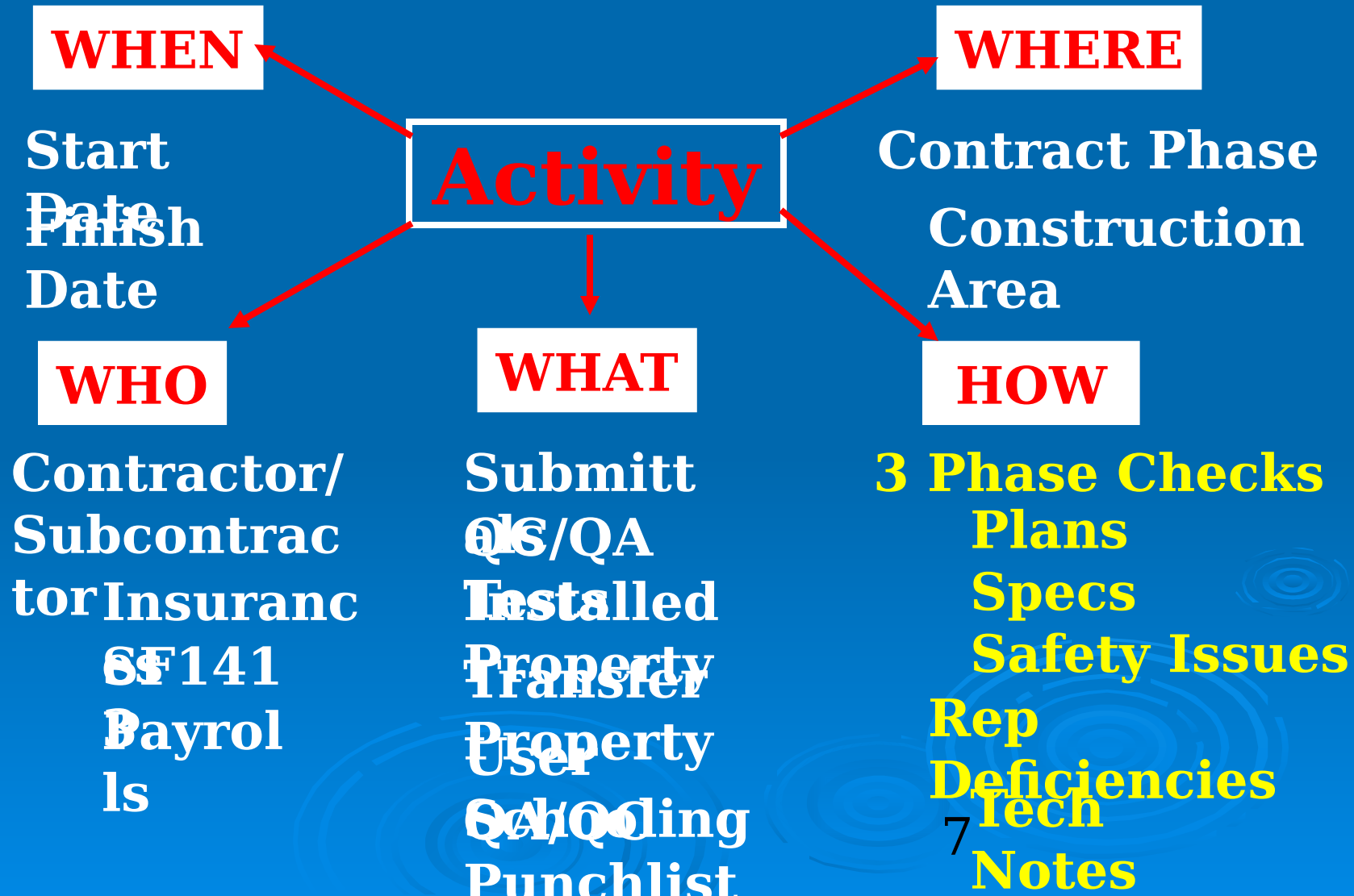
# **QCS Incorporated Areas**

- 1. *Contract Administration*** (*RFI's, Correspondence, Contractor / Subcontractor Key Personnel, Payrolls, Insurances*).
- 2. *Finances*** (*Pay Request*).
- 3. *Submittals*** (*Submittal Register/Transmittal Log*).
- 4. *Schedule*** (*Manually entered or Imported via SDEF*). *NAS Schedules can't be updated in RMS.*
- 5. *Quality Control*** (*QC Reports, Prep/Initial Phase Inspection Reports,*

# Activity Is Primary Link



# Government Provides Key Information



# **Planning, Scheduling and Control**

**Documents for planning, scheduling and  
control:**

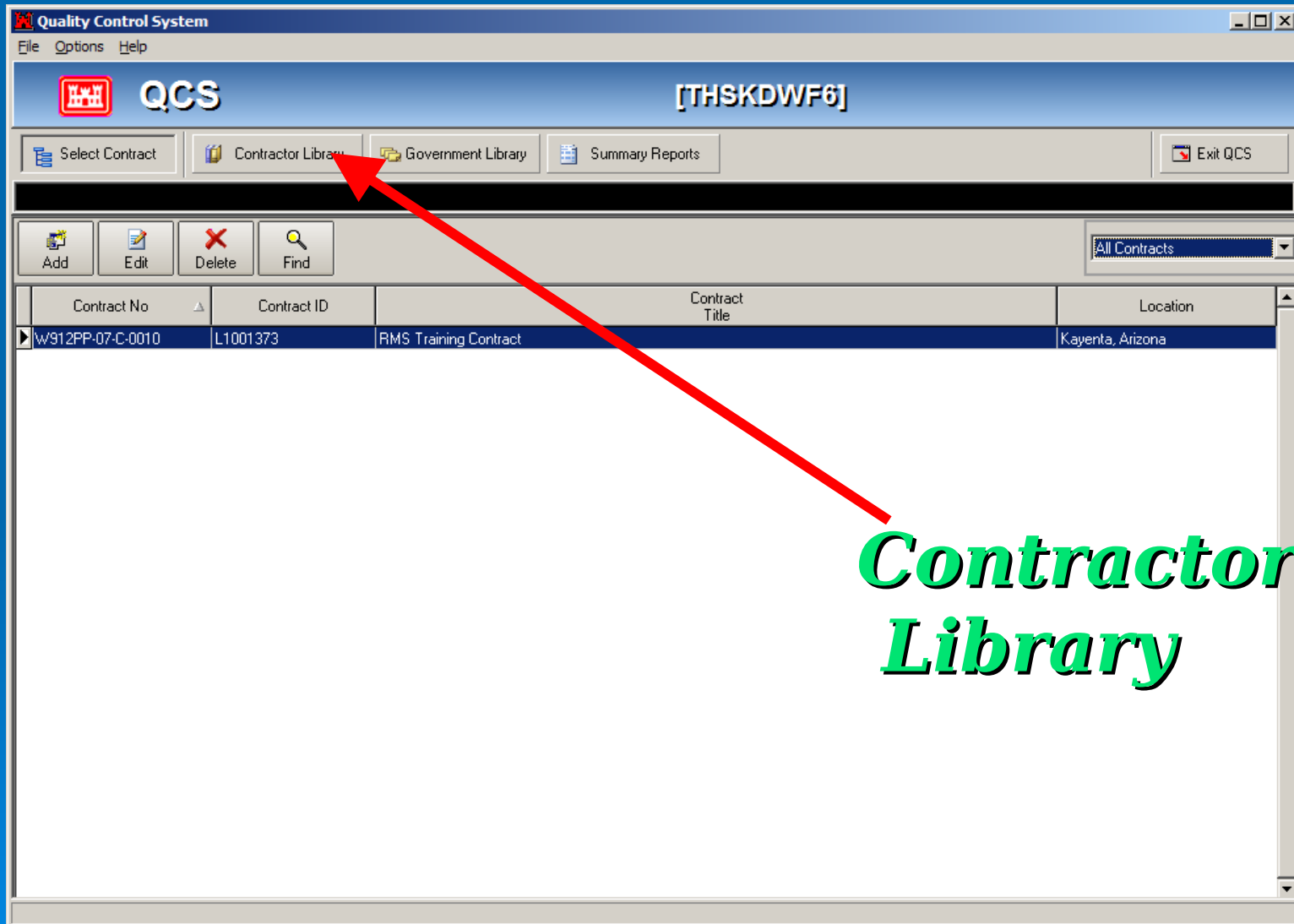
**1. Section 01312A - Quality Control System  
(A Module of RMS) (\* 01 45 02.00 10)**

**2. Section 01310A - Project Schedule  
(\* 01 32 01.00 10) (\* D-B 01 32 17.00 20)**

**3. Section 01451A - Contractor Quality  
Control  
(\* 01 45 04.00 10)**

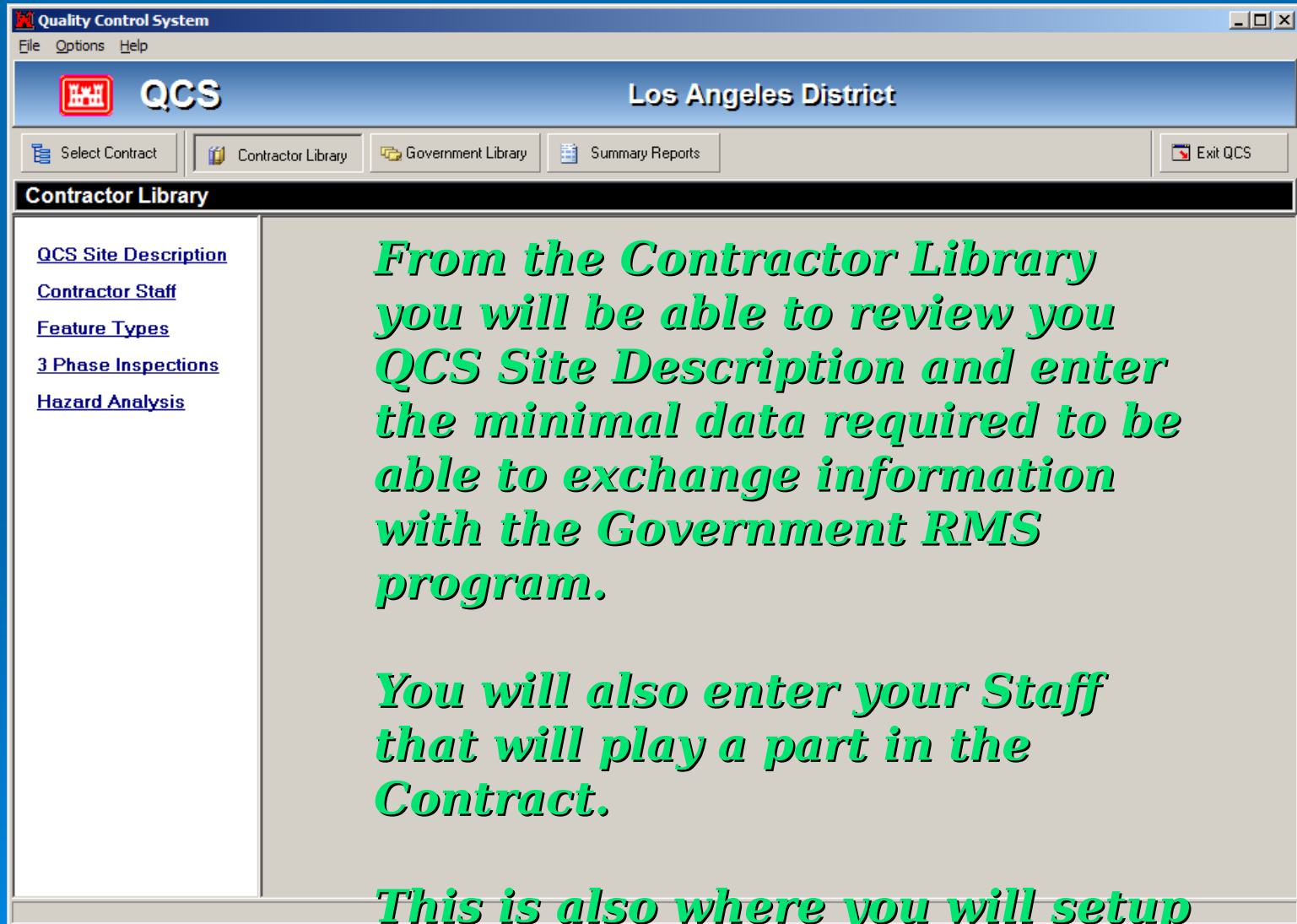


# QCS Contractor Library

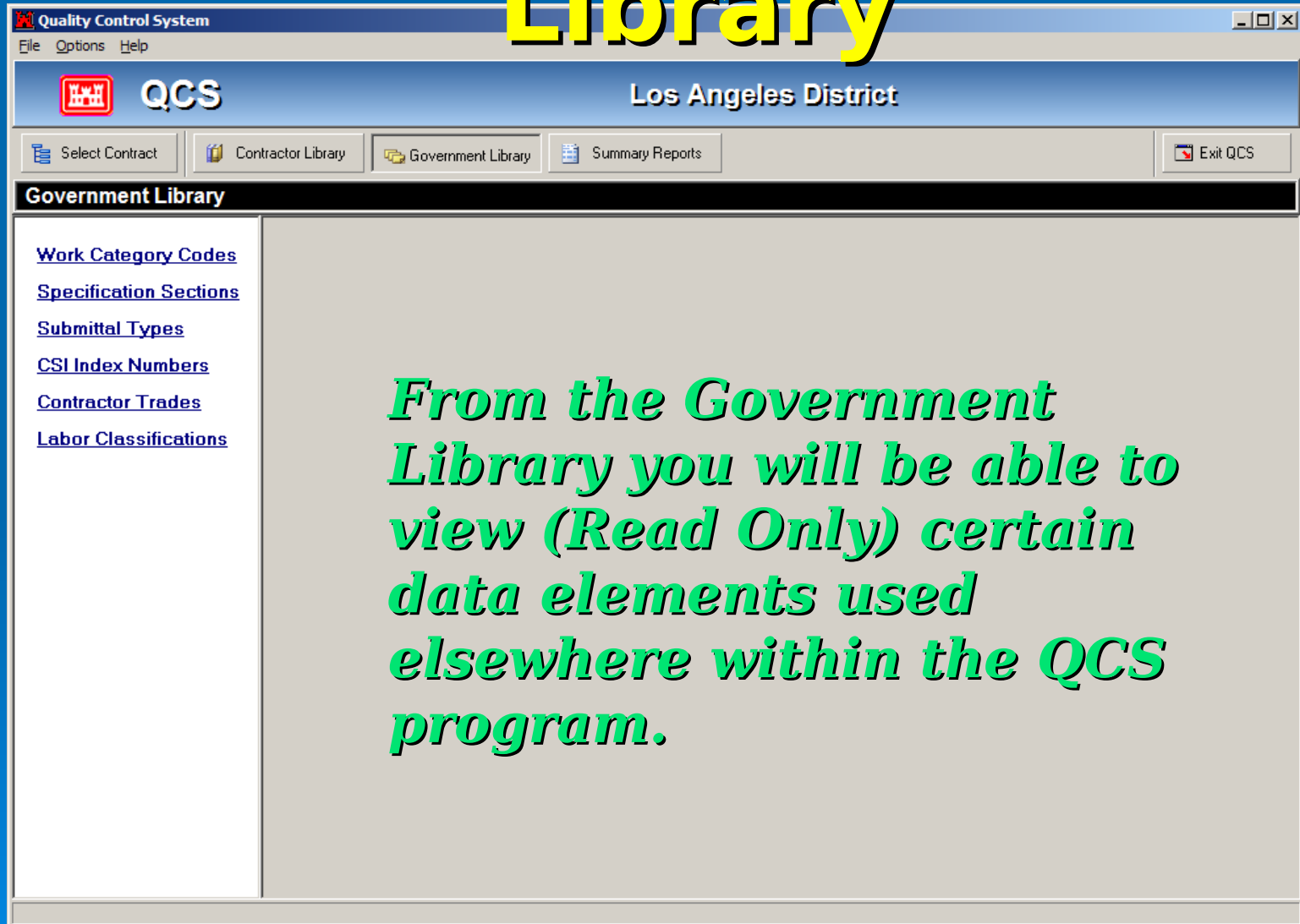


***Contractor  
Library***

# QCS Contractor Library



# QCS Government Library



# QCS Administration Menu

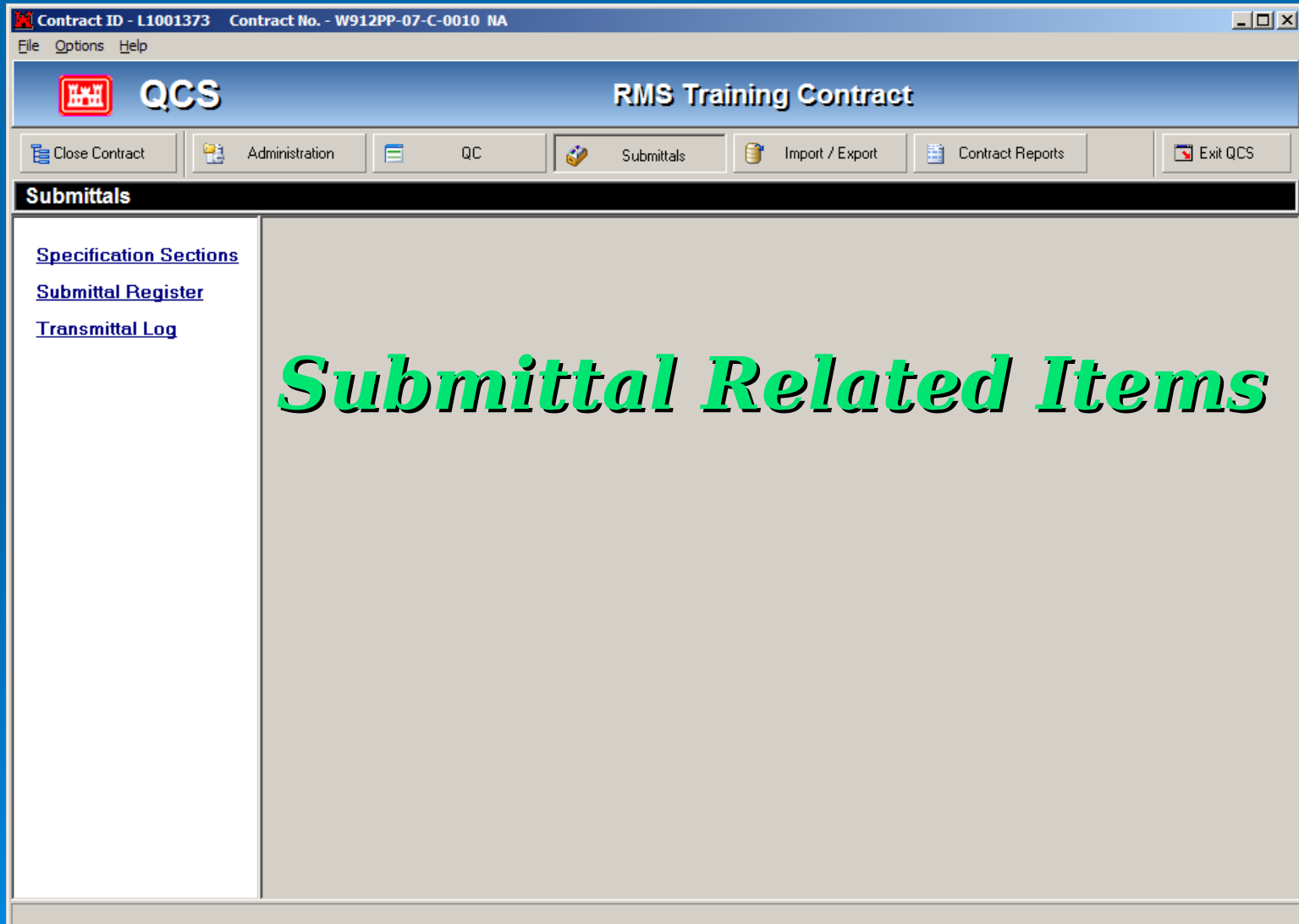


# QCS Quality Control Menu



*Quality Control Menu Items*

# QCS Submittals Menu



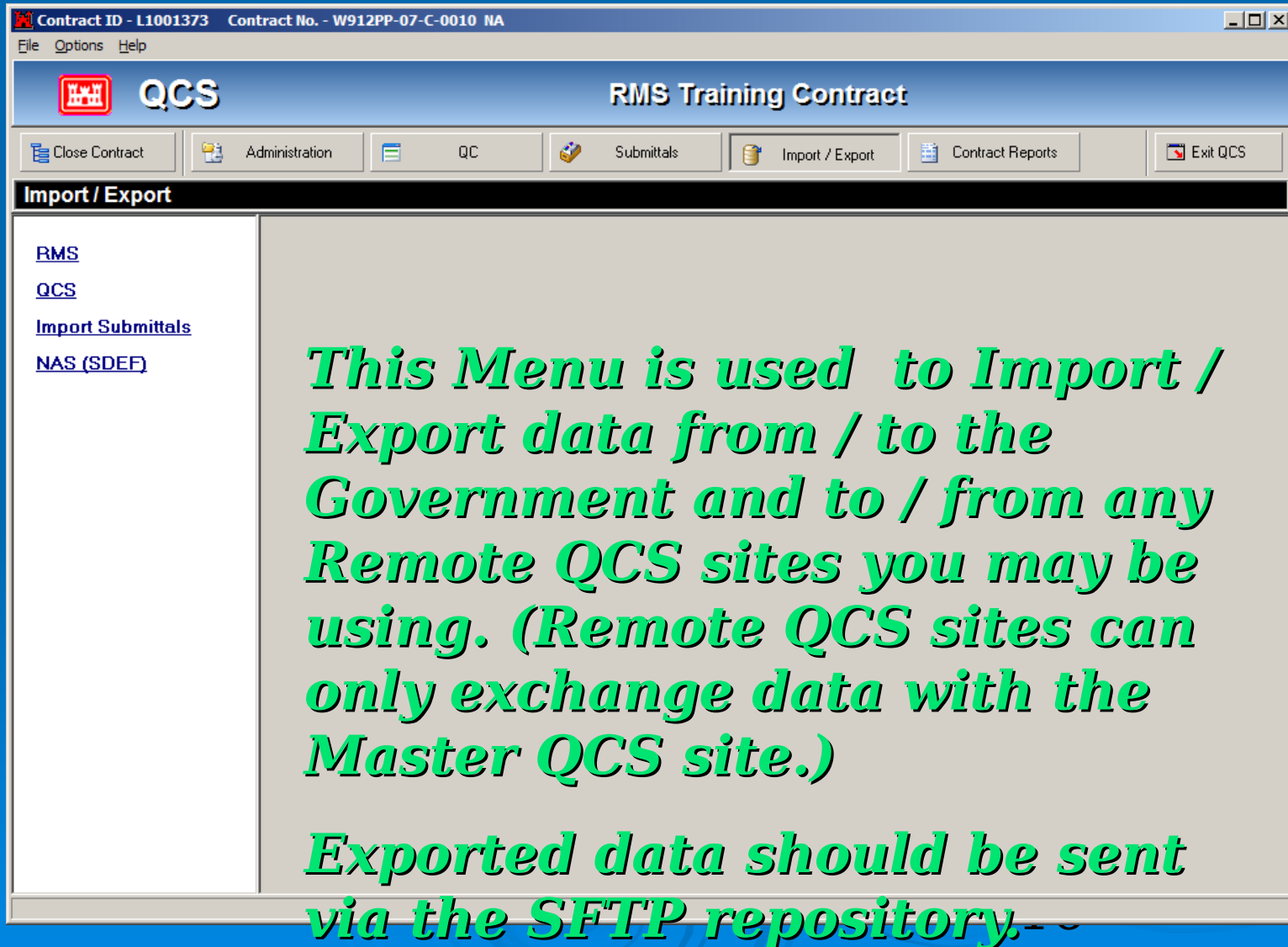
# Data Submittal Requirements

*Data to be Submitted via QCS Export Files*

- 1. Requests for Information (RFI'S)*
- 2. Payment Requests*
- 3. Quality Control Data (QC Reports, Hazard Analysis, 3 - Phase Inspection Reports, QC Punch List Items, Exposure Hours, Warranty Items)*
- 4. Submittal Registers/Transmittal Log*

**Note: All data should be transmitted between the Contractor and the Government via the RMS SFTP Repository.**

# Import/Export of Data



The screenshot shows a software window titled "Contract ID - L1001373 Contract No. - W912PP-07-C-0010 NA". The window has a menu bar with "File", "Options", and "Help". Below the menu bar is a header bar with the "QCS" logo and the text "RMS Training Contract". A toolbar contains buttons for "Close Contract", "Administration", "QC", "Submittals", "Import / Export", "Contract Reports", and "Exit QCS". The "Import / Export" button is highlighted, and its menu is open, showing a list of links: "RMS", "QCS", "Import Submittals", and "NAS (SDEF)".

**Contract ID - L1001373 Contract No. - W912PP-07-C-0010 NA**

File Options Help

**QCS** RMS Training Contract

Close Contract Administration QC Submittals Import / Export Contract Reports Exit QCS

**Import / Export**

- [RMS](#)
- [QCS](#)
- [Import Submittals](#)
- [NAS \(SDEF\)](#)

***This Menu is used to Import / Export data from / to the Government and to / from any Remote QCS sites you may be using. (Remote QCS sites can only exchange data with the Master QCS site.)***

***Exported data should be sent via the SFTP repository.***



# Key Items to Address

## *Pay Activities:*

- 1. Sum of all pay activities must equal the contract amount.*
- 2. Ensure that each pay activity is assigned to only one Contract Line Item (CLIN) in your scheduling software. Numbering scheme of CLINs in your scheduling software (Primavera) must match those imported to QCS from RMS (i.e., include leading zero's, such as 0001).*

# Key Items to Address

(II)

*Pay Activities (Cont'):*

*3. See the QCS Manual for important information on the Standard Data Exchange File (SDEF). The SDEF exported from your scheduling program (I.e., Primavera) allows for the activity schedule to be imported to the QCS Program.*

# Key Items to Address (III)

## *Pay Activities (Cont'):*

*4. Change the Activity Codes to the required COE format (SDEF). The required format (ten fields) is shown in the QCS User Manual.*

***The Activity Codes format for your project must be changed prior to adding any activities.** The Activity Codes in Primavera should be able to be changed from the 'Data' Menu, by selecting 'Activity Codes' submenu. Just change and add activity codes to match the COE*

# Key Items to Address (IV):

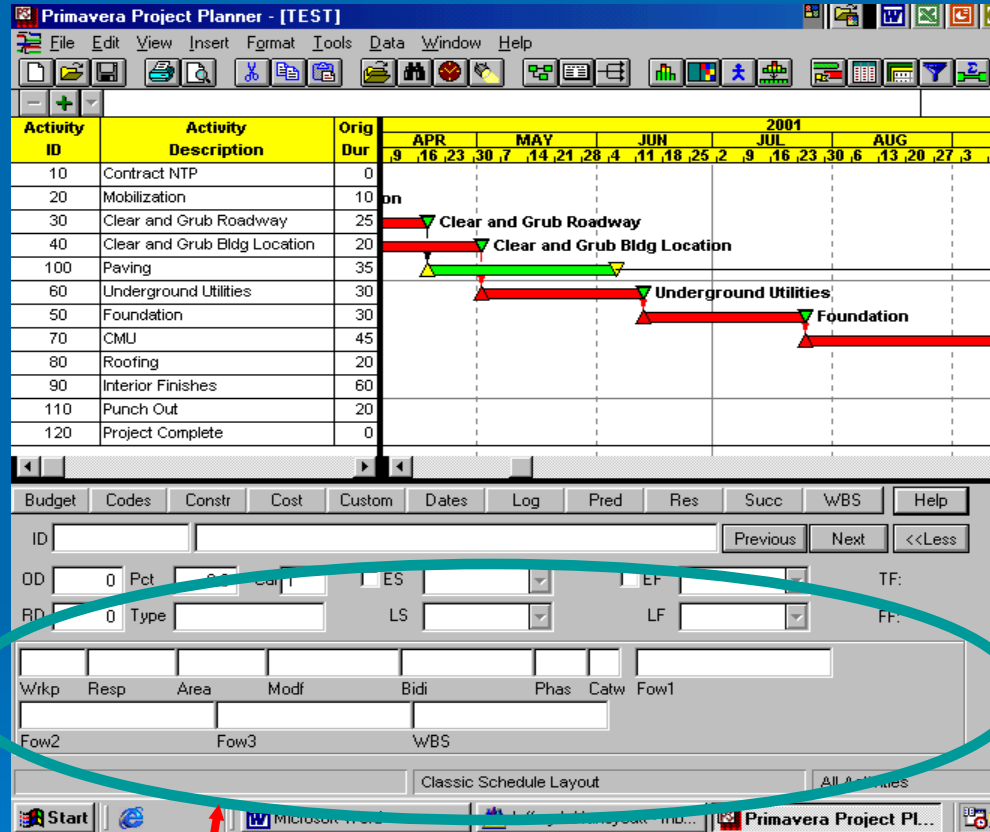
*4. The only “Windows-Based” commercial scheduling software program that can interface directly with QCS is Primavera Project Planner (P3, P3e, P6, etc.)*

*AlderGraf  
DLWcpm  
OpenPlan  
PMS 2000*

# Key Items to Address

## Pay Activities (Cont'):(IV)

### Required Activity



Activity Codes	Size	SDEF Code Field
1	3	Workers per Day
2	4	Responsibility Code
3	4	Work Area Code
4	6	Mod/Claim Code
5	6	Bit Item Code
6	2	Phase of Work Code
7	1	Category of Work Code
8	10	Feature of work (1 of 3)
9	10	Feature of work (2 of 3)
10	10	Feature of work (3 of 3)

*This should be new **Activity Codes Structure** used in project after modifying your Activity Codes in*

# Key Items to Address

(V)

*Pay Activities (Cont'):*

*5. Each pay activity must be assigned to a **Definable Feature of Work (DFW)**.*

*DFW's can be assigned to pay activities in the QCS Program or in the Scheduling Software Program. If you are importing pay activities from the scheduling software program, but have not entered DFW's, be sure to uncheck the 'Features of Work' import option under the NAS(SDEF) menu option, otherwise all DFW's assigned in the QCS Program will be erased when*

# Key Items to Address

(V)

Contract ID - L1001373 Contract No. - W912PP-07-C-0010 NA

File Options Help

**QCS** RMS Training Contract

Close Contract Administration QC Submittals Import / Export Contract Reports Exit QCS

**Import / Export - NAS (SDEF)**

[RMS](#)  
[QCS](#)  
[Import Submittals](#)  
[NAS \(SDEF\)](#)

**Import from Network Analysis System**

- ☒ Activity Schedule
- ☒ Pay Request No. 27
- ☒ Import CLIN
- ☒ Prime Contractor / Subcontractors
- ☐ Features of Work
- ☒ Contract Phase
- ☒ Project Area
- ☒ Work Category

The following Modules are updated from your Network Analysis System (SDEF).  
All of the following modules must be assigned to this site prior to importing the SDEF file.

Pay Activities	[THSKDW6] Los Angeles QCS
Activity Schedule	[THSKDW6] Los Angeles QCS
Progress Payments	[THSKDW6] Los Angeles QCS
Prime Contractor / Subcontractors	[THSKDW6] Los Angeles QCS
Features of Work	[THSKDW6] Los Angeles QCS

**Import from Network Analysis System**

Import SDEF file

# Key Items to Address

## *Contractor and Subcontractor Responsibility Codes:*

- 1. Ensure that each pay activity is assigned to the responsible party (Contractor or subcontractor) performing the work.*
- 2. Ensure that the contractor and subcontractor responsibility codes in your scheduling software package match those used in QCS (The Prime Contractor responsibility code must be 'PRIM').*

## *Database Backups:*

- 1. Always backup your QCS database whenever*



# QC Requirements

*The following QC requirements are tracked by RMS-QCS:*

*A. All **QC Tests** required by the Contract Specifications.*

*B. Required **User Training** (Schooling).*

*C. **Installed Property** List (i.e., mechanical and electrical equipment installed, etc).*

*D. **Transfer Property** List (i.e., spare*

# Warranty Items

*The Government initiates all Warranty Item actions from the RMS system as a result of periodic inspections of the completed facility during the Warranty period of the contract. This information will be exported to QCS for follow-up actions by the Contractor.*

The screenshot shows a software window titled "Warranty Item". It contains the following fields and sections:

- Warranty Item #**: WI-00002
- Location**: BC-20
- Description**: Wall Covering Failure
- Dates**:
  - Date Reported by Owner**: 01/12/2010
  - Date Contractor Notified**: 01/15/2010
  - Date Corrected - Scheduled**: 01/16/2010
  - Date Corrected - Actual**: 01/16/2010
- Government Remarks**:
  - View** button
  - Text: Wall Covering on North Wall is falling off completely. Appears to be an adhesive failure.
- Contractor Remarks**:
  - Edit** button
  - Text: Wall Covering was not installed as part of our Contract. The Customer installed this after we were completed -- this was confirmed by the Occupant, CMS Jerry Valdez.

# Submittal Management

*Submittal Register (Eng Form 4288) will be entered and maintained in QCS. (SpecsInTact file can be imported via RMS - An Excel template is available that can be imported into QCS.)*

*QCS will be used to transmit all submittals via the Transmittal Log (Eng Form 4025).*

# Printing of Hard Copies

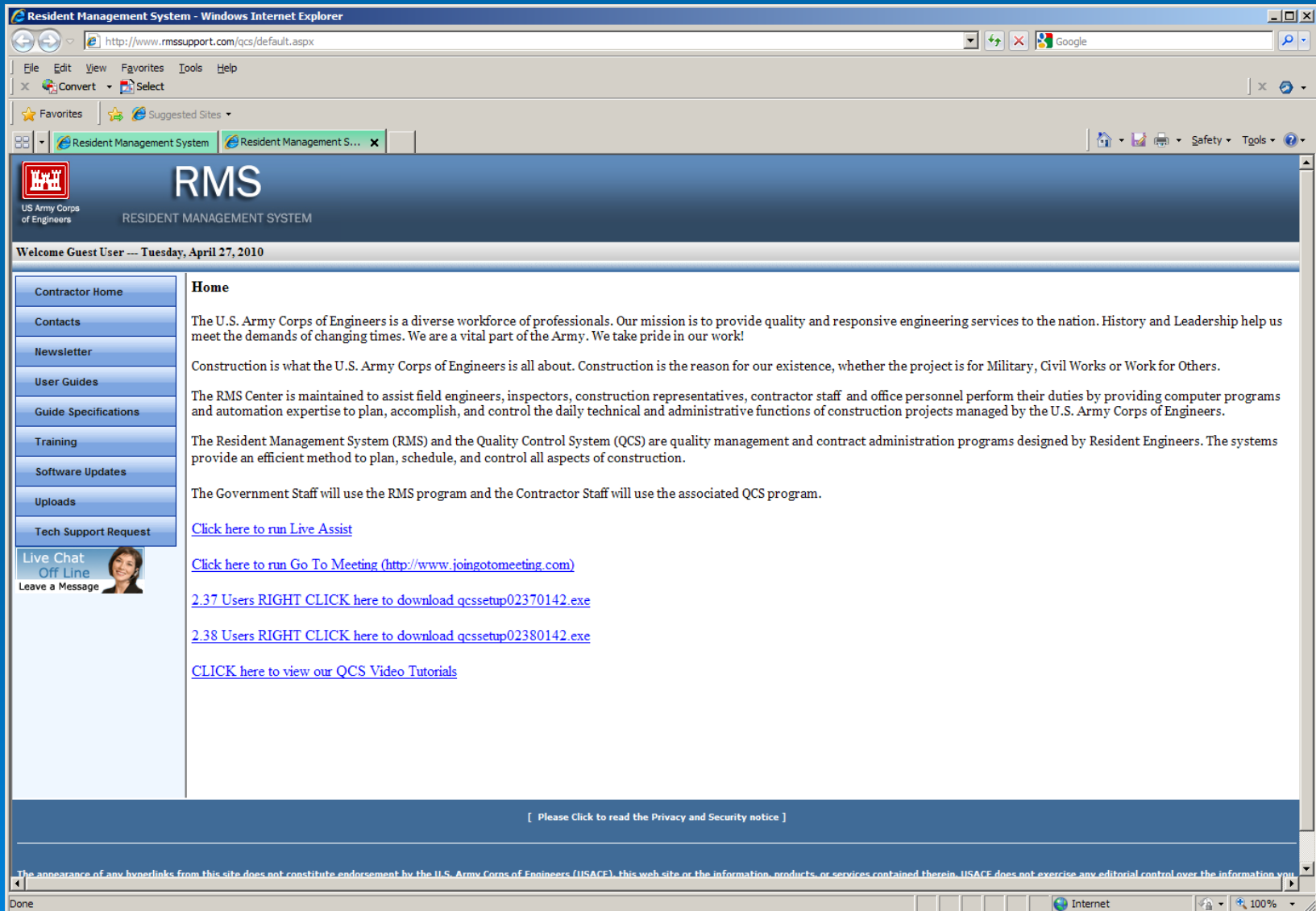
*Hard Copies will still be required to be submitted on all items requiring signature, such as:*

- 1. Daily QC Reports*
- 2. Prep/Initial Inspection Reports*
- 3. Prompt Payment Certification and Supporting Data for Contractor Payment Invoice*
- 4. Transmittal Log (Eng Form 4025)*

# **RMS-QCS Website**

- 1. Address (URL) -  
<http://www.rmssupport.com/qcs>*
- 2. Both the Program  
(QCSetup\*\*\*.exe) and QCS User's  
Manual are available at this  
website, under the Contractor's  
web page.*
- 3. There are NO User ID or  
Passwords required for  
downloads.*

# Contractor - QCS Website



# **RMS - QCS**

# **Questions?**